

# Standard Pressure Transmitter



## Introduction

The Standard Pressure Transmitter Tuckson is a general purpose pressure transmitter well-suited to measure compatible gases and liquids.

## Applications

Hydraulic, irrigation equipments, HVAC, compressors, pumping systems, refrigeration, or OEM applications where performance, reliability and competitive cost are needed.

## Features

- $\pm 0.5\%$  full scale accuracy
- St/St case
- St/St, ceramic and viton wetted parts
- Resists shock and vibration
- IP65
- CE approved

## Specifications

**Ranges:** 0-2Bar...0-350Bar (0-30psi...0-5000psi)

**Accuracy:**  $\pm 0.5\%$  (includes linearity, repeatability, hysteresis)

**Case:** stainless steel

**Wetted parts:** Process connection: stainless steel, sensor: ceramic, seal: viton

**Output:** 4-20mA / 0-5VDC or 0-10VDC

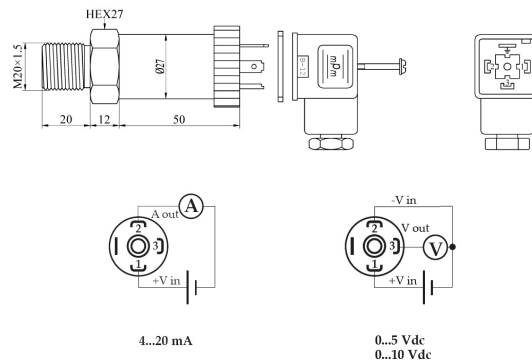
**Power supply:** 10-30VDC

**Output mode:** Two-wires / Three-wires

**Proof pressure :** 1.5 times of full scale

**Electrical connection:** DIN (other connections are available)

**Enclosure rating:** IP65



**Insulation:**  $\geq 10M\Omega @ 50V$

**Response time:**  $< 10\text{msec}$

**Vibration:** 10g/5...2000Hz X/Y/Z axis

**Shock:** 20g 11ms

**Process connection:** 1/4"NPT male (other connections are available)

**Long term stability:**  $\pm 0.4\%$  FS/Year

**Operating temperature:**  $-40$  to  $100^{\circ}\text{C}$

**Storage temperature:**  $-50$  to  $125^{\circ}\text{C}$

**Compensated temperature:**  $-10$  to  $80^{\circ}\text{C}$

**Weight:** 150g

**Certification:** CE

**Wiring protection:** protected against reverse polarity